1st and Part Bill

YNK-DBR No. 210
Date 22.02.2021

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

AEE, YSTSD
SBR No: 161/20-21
Date: 25/2/2021

Head of Account: P3075

Job Number: 005 21 000047

Division: Yelahanka Division

Sub division: Yelahanka Sub Division

Bill Received No. ..... Date ..... Cash Book Voucher No ..... dated .....

Scheduled Docted No.

Name of Work (as per sanctioned estimate): Improvements to Asphalting to Roads and Drains at Best County, Amba Bhavani Nagara, Amba Bhavani Layout, Prakruthi Layout and Surrounding Areas ward No-03 of Yelahanka division (Package No- 06)

P-3075

Name of Contractor and Full Address: **Sri N. K. Shankar M/s I. S. Infrastructures**

Reference to Work order No: **BBMP/EE/YNK.D/EPMT-05/W.O/178/2020-21**

Certified that the measurement were taken by me on 17.2.2021 and recorded of pages 496501 to 496525 of Measurement Book No. 4966/2020-21 and that the work is satisfactorily executed.

For I S INFRASTRUCTURES
Proprietor

Contractor

17.2.2021
Officer-In-Charge of work

Certified that the measurements were taken by me on 17/02/2021 and are found correct and the work satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

17/02/2021
Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	Gross Amt =Rs 49047456-00
2) Deduct amount to be held in reserve being ..... percent Rs	FSD =Rs —
3) Deduct amount to be held in Balance	CGST = Rs 437924-00
4) Deduct Payments.	SGST = Rs 437924-00
a) Amount of previous payment as in the office Cash Book Voucher No ..... Dated ..... S.D No	IT = Rs 980949-00
Amount adjusted towards cash advance recovery of	LC = Rs 490475-00
b) Payments cost store or other materials supplied	CBT = Rs 49048-00
Now made recovery of amount creditable to this/other work	Royalty =Rs 690803-00
Amount paid on this bill Cheque/Cash	I.D. = Rs 3087123-00
5) Balance being unpaid value of work done held in reserve	Net Amt=Rs 45960333-00
6) Deduct cash advance made on the Office Cash Book Voucher No ..... dated ..... less adjustments	
7) Net amount due to or from contractor	
Unadjusted items	
8) Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	

For I S INFRASTRUCTURES
Proprietor
Contractor's Signature

Received Rs. .....

by cash and by adjustment of Payment as per memorandum.

Witnesses:
1
2

For I S INFRASTRUCTURES
Proprietor
Stamp

Dated ..... Signature of Contractor

Paid by me by cheque No ..... dated .....
Cast Rs ..... dated .....

Initials of Officer making payment

Audited & Admitted for Rs. 49047456/-
(For use in the Office)
45960333/- by Cheque
and Rs 3087123/- by adjustment

Accts. Supdt
yelahanka Division
BBMP

Executive Engineer
yelahanka Division
BBMP

Name of Work (as per sanctioned estimate) Improvements to Asphalting to Roads and Drains at Best County, Amba Bhavani Nagara, Amba Bhavani Layout, Prakruthi Layout and Surrounding Areas ward No-03 of Yelahanka division (Package No- 06)

Sl No.	Item No	Items Grouped under sub-heads and sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. & P.	Cost	Qty.	Cost	
1	1	Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	4770.70	230.49	1099575.51	4770.70	1099575.51	
2	2	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	1.61	2698.33	4346.52	1.61	4346.52	
3	3	Providing Nominal 40mm size stone aggrigates complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	1.61	1143.82	1842.49	1.61	1842.49	
4	4	Providing Nominal 20mm size stone aggrigates complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	1.61	1143.82	1842.49	1.61	1842.49	
5	5	Providing And fixing ms grill work for windows and ventilators using ms flats or ms square rods or combination of ms flats and square rods as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer cost of materials fixtures, labours, complete with all lead and lift as per the direction of engineer-in-charge	Kgs	0.00	0.00	143.64	105.53	15158.85	143.64	15158.85	
6	6	Plain cement concrete 1:3:6 mix with crushed stone aggregate 40 m nominal size mechanically mixed, placed in foundation and compacted by vibration including curing complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	702.07	4694.88	3295944.12	702.07	3295944.12	
7	7	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	1304.97	7409.87	9669259.74	1304.97	9669259.74	
8	8	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete with all lead and lift as per the direction of engineer-in-charge	Tn	0.00	0.00	79.54	76441.87	6079996.29	79.54	6079996.29	

Sl.No.	Item No	Items Grouped under sub-heads and sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty.	Cost	Qty.	Rate Rs. & P.	Cost	Qty.	Cost	
9	9	Providing & laying precast drain cover slab of 100 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete with all lead and lift as per the direction of engineer-in-charge	Sqm	0.00	0.00	3573.00	2449.18	8750905.85	3573.00	8750905.85	
10	10	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.2 x 0.60 x 0.25)Data rate	Sqm	0.00	0.00	72.24	5678.06	410183.34	72.24	410183.34	
11	11	Providing and fixing pre cast solid concrete kerb stones of size 450x150x400 mm made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete with all lead and lift as per the direction of engineer-in-charge	No's	0.00	0.00	8582.22	453.24	3889798.16	8582.22	3889798.16	
12	12	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete with all lead and lift as per the direction of engineer-in-charge	Sqm	0.00	0.00	0.00	88.87	0.00	0.00	0.00	
13	13	Excavation for roadwork in all types of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	6317.80	68.20	431486.26	6317.80	431486.26	
14	14	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, complete with all lead and lift as per the direction of engineer-in-charge	Sqm	0.00	0.00	12635.60	6.67	84219.83	12635.60	84219.83	
15	15	Construction of granular sub-base Grading-V as sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/trap/basalt material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98% proctor density, complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	1895.34	2090.68	3962542.94	1895.34	3962542.94	
16	16	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	2906.19	2097.34	6095269.73	2906.19	6095269.73	

Sl.No.	Item No	Items Grouped under sub-heads and sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P.	Cost	Qty	Cost	
17	17	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502 Complete with all lead and lift and as per the direction of the Engineer-in-Charge.	Sqm	0.00	0.00	0.00	31.10	0.00	0.00	0.00	
18	18	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications. Clause 505 of morth V revision using 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 Bitumen.complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	0.00	6715.27	0.00	0.00	0.00	
19	19	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge	Sqm	0.00	0.00	0.00	5.55	0.00	0.00	0.00	
20	20	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge	Sqm	0.00	0.00	0.00	13.33	0.00	0.00	0.00	
21	21	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision. -using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen complete with all lead and lift as per the direction of engineer-in-charge	Cum	0.00	0.00	0.00	7708.40	0.00	0.00	0.00	

Sl.No.	Item No	Items Grouped under sub-heads and sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
				Qty	Cost	Qty	Rate Rs. & P	Cost	Qty	Cost	
22	22	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete with all lead and lift as per the direction of engineer-in-charge	Sqm	0.00	0.00	0.00	476.57	0.00	0.00	0.00	
							Total	43792372.10		43792372.10	
							GST charges 12%	5255084.65		5255084.65	
							Grand Total	49047456.75		49047456.75	

Certificate
1.The work executed by the contractor is found satisfactory
2.There is no departmental issues for this work

AE-3 17.2.2021

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ 17/2/2021
ಜಿ ಬಿ ಎ ಬೆಂಗಳೂರು-106

For I S INFRASTRUCTURES
Proprietor